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### Part III — HOME SCIENCE

( New Syllabus )

( English Version )

Time Allowed : 3 Hours ]

[ Maximum Marks : 150

**Section A :** Answer *all* questions.

**Section B :** Answer any *fifteen* questions.

**Section C :** One Question ( Q. No. 71 or Q. No. 72 ) is compulsory and answer any 5 from the remaining questions.

**Section D :** Answer any 4 questions.

#### SECTION - A

*Note :* Answer *all* the questions.

- I. Fill in the blanks : 15 × 1 = 15
1. .... is strong antibiotic and sleep inducing.
  2. To improve texture ..... is added in bread making.
  3. .... converts the indigestible proteins of milk into easily digestible one.
  4. .... is a symptom of liver cells disorder.
  5. .... gland is considered as master gland.
  6. Vitamin C deficiency causes the disease called .....

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7. .... is the time of the empty nest.
8. .... is derived form Agricultural marketing.
9. .... blindness refers to a child born blind.
10. The two major types of resources are ..... and .....
11. The common planning device to use money is called .....
12. .... often helps a person to feel better psychologically.
13. .... can be used as an outline stitch.
14. .... is a bold illustration with little or no writing.
15. A diagram is a ..... symbol.

II. Match the following :

10 × 1 = 10

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| 16. Asphyxia                         | a) period of social isolation    |
| 17. Bleeding                         | b) gaseous fuel                  |
| 18. A. D. H. (Anti-Diuretic Hormone) | c) toddler size                  |
| 19. Liver                            | d) suffocation                   |
| 20. Old age                          | e) haemorrhage                   |
| 21. Acetylene                        | f) reabsorption of water         |
| 22. Size 1 to 3                      | g) numerical or qualitative data |
| 23. Price                            | h) first-hand information        |
| 24. Graphs                           | i) bile                          |
| 25. Field trip                       | j) practical consideration       |

III. State whether *True* or *False* :

6 × 1 = 6

26. Gunshot wounds are superficial wounds.
27. Money is an important human resource.
28. Elevated sugar level in the blood is called hyperglycemia.
29. Adolescence is thought as a period of calmness and quietness.
30. Haybox requires precooking of items.
31. Lazy daisy stitch is an embroidery stitch.

IV. Choose the correct answer :

5 × 1 = 5

32. Anaemia is a term used to describe
  - a) bone disorder
  - b) blood disorder
  - c) nervous disorder
  - d) muscle disorder.
33. Vitamin  $B_1$  leads to deficiency disease, called
  - a) Beri-beri
  - b) Scurvy
  - c) Tetany
  - d) Angular stomatitis.
34. Fine worm transmitted through infested pork meat products is
  - a) Tapeworm
  - b) *Trichinella spiralis*
  - c) Thread worm
  - d) Hookworm.

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35. The very long fine and flexible needle is called
- a) Crewel
  - b) Chenille
  - c) Beading
  - d) Tapestry.
36. "Seeing is believing" in teaching method is called
- a) Discussion
  - b) Demonstration
  - c) Lecture
  - d) Exhibition.

V. Answer in *one* or *two* words :

14 × 1 = 14

37. What are the aims of first-aid ?
38. Name the gas present in car exhaust fumes.
39. Name the photosensitive pigment in the rods.
40. Deficiency of calcium leads to which disease ?
41. To whom and why is the bland diet prescribed ?
42. What is the normal blood sugar level in the human beings ?
43. Name the causative organism for bacillary dysentery.
44. What is 'generation gap' ?
45. Which are called 'Non-institutional community services' ?
46. What is a family ?
47. Define standards.
48. What are the gases present in Biogas ?
49. How is a product identified ?
50. What is the measure of a good scissors ?

**SECTION - B**

VI. Answer any *fifteen* of the following questions not exceeding 30 words each :

15 × 2 = 30

51. Define 'First Aid'.
52. What is astigmatism ?
53. Write the functions of enzymes present in the gastric juice.
54. What are the symptoms of Vitamin A deficiency ?
55. Write any two objectives of fortification and enrichment of foods.
56. How are mustard seeds adulterated ?
57. What are the three A's of the happiness during puberty ?
58. What are the steps in planning ?
59. Mention two uses of solar cooker.
60. List the factors that affect one's expenditure.
61. What is work simplification ?
62. Mention the four methods of account keeping.
63. What are frames ?
64. Write a short note on chain stitch.
65. What are hooks and eyes ?
66. Explain Darning.
67. Explain the types of models used.
68. What are folk songs ?
69. How does 'Webster' define Maps ?
70. What is communication ?

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**SECTION - C**

- VII. *Note* : Answer either Q. No. 71 or Q. No. 72 compulsorily and any *five* from the rest not exceeding 100 words each.  $6 \times 5 = 30$

71. Explain functions of liver.

OR

72. Explain the structure of kidney.

Answer any *five* questions from the following :

73. Explain the functions of parathyroid gland.

74. Explain about peptic ulcer and its dietary guidelines.

75. What are the preventive measures taken to prevent food adulteration ?

76. Mention the causes for disability among children.

77. Give five reasons, why young women remain single ( Celibate ).

78. Give a note on the various types of decisions.

79. How will you transfer an applique design ?

**SECTION - D**

- VIII. *Note* : Answer any *four* questions not exceeding 200 words each.

$4 \times 10 = 40$

80. Explain physiology of vision.

81. Write about diabetes mellitus and dietary management for the disease.

82. Explain the characteristics of old age and its problems.

83. Plan a budget for a middle income family with the husband, wife and two school going children.

84. Write short notes on the following :

- a) Tailor's chalk
- b) Tape measure
- c) Yardstick
- d) Tracing wheel and
- e) Carbon paper.

85. Explain the different types of discussion.

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